

PAC 2001 suggested talks

(June, 2000)

Single Particle - Chair(s): Jie Wei

Collimation Optimization and Experiments
in High-Intensity Rings,

Nuria Catalan-Lasheras, BNL. Backup N.
Mokhov, FNAL. Th+Exp

Beam Dynamics Issues of Pulsed
Superconducting Ion Linacs,

Jim Stovall, LANL. Backup Tom Wangler,
LANL.

Magnet Fringe Fields, Nonlinear Effects,
and Compensation in Large
Acceptance Rings,

Kyoko Makino, MSU. Backup M. Venturini,
SLAC, Y. Papaphilippou, BNL.

Beam-based Nonlinear Correction for
Storage Rings (SPS Data),

H. Schmickler or Frank Schmitt (CERN)

Multi Particle - Chair(s): Ingo Hofmann,
Bruce Carlsten

Muon Capture and Cooling Dynamics,
Propagation in Solenoidal Channel,
V. Balbekov.

Backup G. Penn, Kwang-Je Kim

Extreme Cooled Ion Beams in the ESR With
Evidence of Ordering,
M. Steck, GSI

Beam-Beam Compensation,
Vladimir Shiltsev, FNAL

Methods of observing the microwave
instability above and below transition,
Elena Shaposhnikova, SPS

Other Suggested SNS Related talks:

SNS Close-out plenary talk,
David Moncton, SNS

SNS Linac Cryo,
C. Rode, JLab

SNS Linac Cavity,
R. Sundelin, JLab

SNS Front End / Ion source,
R. Keller, LBL (suggested by SNS)

SCL RF control,
S. Simrock, DESY

SNS Ring RF,
M. Blaskiewicz, BNL

PSR Instability / SNS issue,
M. Blaskiewicz / R. Macek, BNL/LANL

Backup Talks (Ordered List for Single/multi beam dynamics)

Simulations and First Experimental Observations for UMER,
Rami Kishek or Pat O'Shea - theory and forthcoming exp.

Simulation and Observation of Long-Term Behavior of Longitudinal Instabilities (GSI)

LHC Limitations due to Electron Cloud Effects,
O. Grobner (Theory Discussed, Exp+Hardware of Interest)

Medium Energy Electron Cooling,
Sergei Nagaitsev, FNAL - covered by EPAC

Coherent Synchrotron Radiation in Bends,
Rai Li, TJNAF (several times)

Simulations of Long-Pulse High Current Ion Accelerators (WARP),
Dave Grote, Alex Friedmann (LLNL) - not so new

Halo Effects (many times)

Frequency Map Analysis: Exp+Theory (Robin) (many times)